

Title (en)

NON-HUMAN ANIMALS COMPRISING A HUMANIZED PNPLA3 LOCUS AND METHODS OF USE

Title (de)

NICHTMENSCHLICHE TIERE MIT EINEM HUMANISIERTEN PNPLA3-LOCUS UND VERFAHREN ZUR VERWENDUNG

Title (fr)

ANIMAUX NON HUMAINS COMPRENANT UN LOCUS PNPLA3 HUMANISÉ ET PROCÉDÉS D'UTILISATION

Publication

EP 4096396 A1 20221207 (EN)

Application

EP 21706449 A 20210127

Priority

- US 202062966837 P 20200128
- US 2021015192 W 20210127

Abstract (en)

[origin: US2021227812A1] Non-human animal genomes, non-human animal cells, and non-human animals comprising a humanized PNPLA3 locus and methods of making and using such non-human animal genomes, non-human animal cells, and non-human animals are provided. Non-human animal cells or non-human animals comprising a humanized PNPLA3 locus express a human PNPLA3 protein or a chimeric PNPLA3 protein, fragments of which are from human PNPLA3. Methods are provided for using such non-human animals comprising a humanized PNPLA3 locus to assess in vivo efficacy of human-PNPLA3-targeting reagents such as nuclease agents designed to target human PNPLA3.

IPC 8 full level

A01K 67/027 (2006.01); **C12N 9/14** (2006.01); **C12N 15/11** (2006.01); **C12N 15/90** (2006.01)

CPC (source: EP KR US)

A01K 67/0275 (2013.01 - EP); **A01K 67/0278** (2013.01 - KR US); **A61K 49/0008** (2013.01 - US); **C12N 9/14** (2013.01 - EP); **C12N 9/22** (2013.01 - KR); **C12N 15/11** (2013.01 - EP); **C12N 15/113** (2013.01 - KR); **C12N 15/8509** (2013.01 - KR US); **C12N 15/907** (2013.01 - EP KR); **A01K 2207/15** (2013.01 - EP KR US); **A01K 2217/072** (2013.01 - EP KR); **A01K 2227/105** (2013.01 - EP KR US); **A01K 2267/0362** (2013.01 - EP KR); **C12N 2310/20** (2017.04 - EP KR)

Citation (search report)

See references of WO 2021154791A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 2021227812 A1 20210729; AU 2021212668 A1 20220818; CA 3169272 A1 20210805; CN 115175559 A 20221011; EP 4096396 A1 20221207; JP 2023511626 A 20230320; KR 20220133248 A 20221004; WO 2021154791 A1 20210805

DOCDB simple family (application)

US 202117159564 A 20210127; AU 2021212668 A 20210127; CA 3169272 A 20210127; CN 202180016138 A 20210127; EP 21706449 A 20210127; JP 2022545826 A 20210127; KR 20227029388 A 20210127; US 2021015192 W 20210127